

## Where has comparatively big scale earthquake occurred?

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Features of subsurface active faults are studied using data of the damaging earthquake, geology and crustal structure. The hypocenter of the damaging earthquakes distribute around the Quaternary volcanoes and the active faults. The direction of strike and displacement of the active faults and the earthquake faults of the damaging earthquakes occurred around the active faults are almost same. The dispersion of the deformation of the mylonite zone related to geological condition may be one of the indicators of generation of subsurface active fault.